



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

**Product Name:** Polyacrylic Acid (PAA)

### Product Information

- Product Number: PAA-CAS9003014-202604
- Batch Number: PAA-2026041501
- Brand: SIGALD
- CAS Number: 9003-01-4
- MDL Number: MFCD00081851
- Formula:  $(C_3H_4O_2)_n$  (n = 1000-5000)
- Formula Weight: Variable (approx. 20,000-100,000 g/mol)
- Quality Release Date: 15 APR 2026

Test Item	Specification (Industrial Standard)	Result	Test Method
Appearance	Colorless to pale yellow transparent liquid	Colorless transparent liquid	Visual Inspection
Solid Content	30.0-35.0%	32.8%	Gravimetric Method (105°C, 4h)
pH Value (1% Aqueous Solution, 25°C)	2.0-4.0	2.8	Digital pH Meter
Viscosity (25°C, 2% Solution)	500-5000 mPa s	2200 mPa s	Rotational Viscometer
Heavy Metals (Pb)	≤ 0.0005%	0.0001%	Atomic Absorption Spectrometry (AAS)
Arsenic (As)	≤ 0.0001%	0.00004%	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 0.001%	0.0003%	Atomic Absorption Spectrometry (AAS)
Free Acrylic Acid Monomer	≤ 0.5%	0.2%	High Performance Liquid Chromatography (HPLC)
Supplier Information	Confirmed	Confirmed	-
Registered Trademark	Confirmed	Confirmed	-

This batch of product meets the specified industrial standards and is qualified for use. Issue

Date: 15 APR 2025